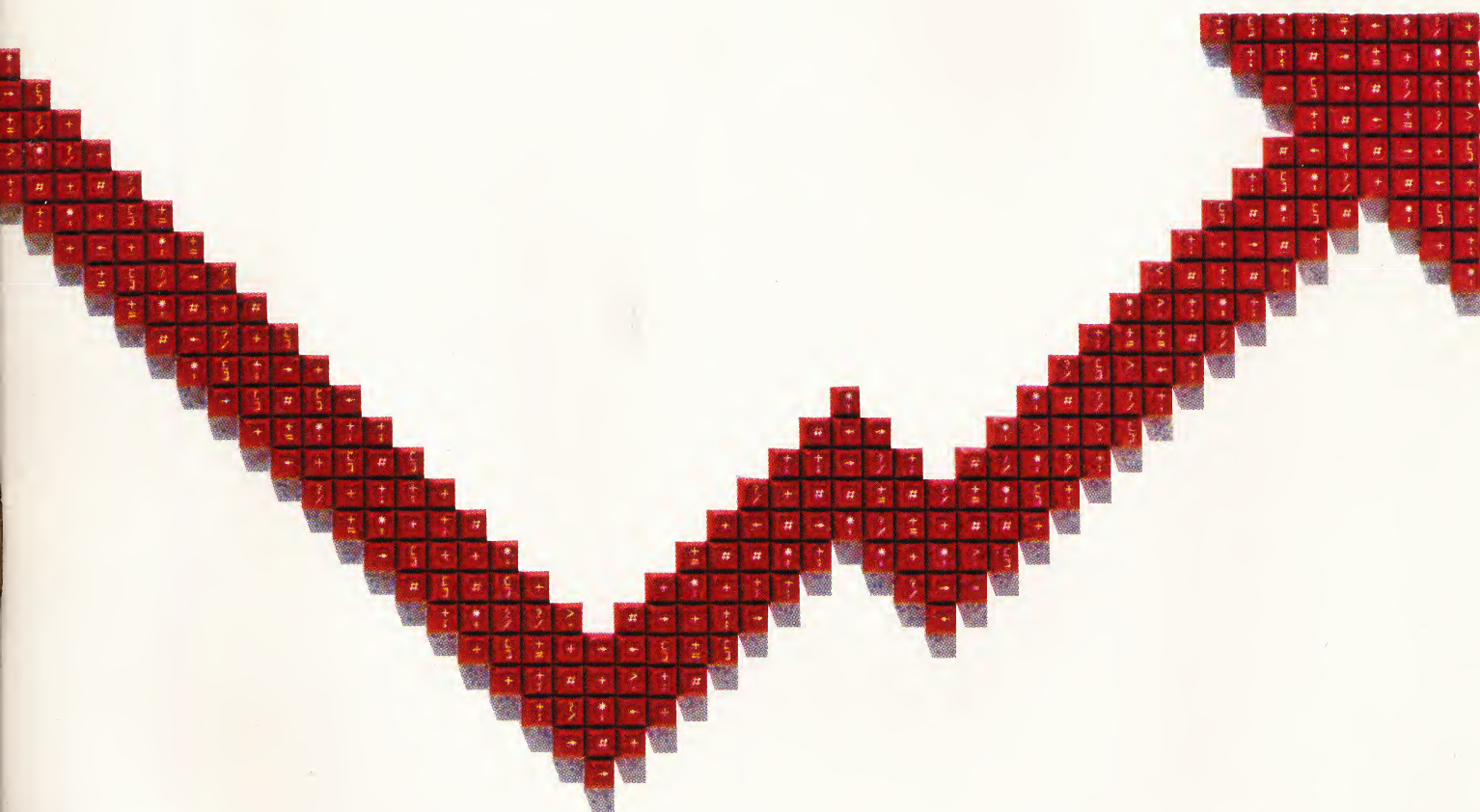


NCC '81

KEYS TO PRODUCTIVITY

**McCORMICK PLACE
CHICAGO, IL
MAY 4-7, 1981**



Sponsored by:

AFIPS
ACM
DPMA
IEEE-CS
SCS

American Federation of Information Processing Societies, Inc.
Association for Computing Machinery
Data Processing Management Association
IEEE Computer Society
Society for Computer Simulation

NATIONAL COMPUTER CONFERENCE

1981 NATIONAL COMPUTER CONFERENCE

Here is the complete schedule and all the information you need to register for the biggest National Computer Conference ever held! Look this informative folder over, decide which sessions and activities are most important to you, choose the hotels you prefer, and see how these keys to productivity can help you increase output, acquire knowledge and control costs.

Final Opportunity

This is your final chance to avoid long registration lines and beat the crowds by pre-registering.

More than 525 Exhibiting Companies

More than 230,000 square feet — nearly eight acres — of McCormick Place will be devoted to exhibits showing current and new hardware and software systems.

Four Days of Productive Sessions

In addition to more than 100 program sessions, the 1981 National Computer Conference will feature over 30 sessions on Personal Computing. You can also take advantage of 21 Professional Development Seminars. You will find information on all sessions in the following pages.

Important Subject Areas

Program sessions are divided into tracks, and your single NCC registration fee entitles you to attend as many as you wish, crossing from one track to another if you desire. Each full registrant receives the hardbound copy of the PROCEEDINGS. The broad areas include:

- Hardware and Architecture
- Network Technology
- Capacity and Performance Analysis
- Software
- Information Processing Management
- Education and Societal Issues
- Automating the Office
- Computers at Work
- Data Base Systems
- Visuals, Natural Language Processing and Artificial Intelligence

And in the Personal Computing Festival:

- Professional and Educational Uses
- Business Applications
- Language and Technical Uses

In addition to the PROCEEDINGS, for the first time this year's registrants receive copies of the PERSONAL COMPUTING DIGEST.

Plenary Speakers

At plenary sessions, industry leaders will discuss productivity and computers. Speakers will include Keynoter Marisa Bellisario, of ITAITEL, Milan, the top woman executive in the computer and communications industry, and W. Michael Blumenthal, Chairman of Burroughs and former Secretary of the Treasury.

Science Film Theater

Three theaters will run continuously, showing exciting films on computer technology. Ten hours of entertaining and informative films will cover computers and communications, computer graphics, the history of computing, and much more. We have brought back the "Making of Star Wars," the story behind the milestone movie and the role of computers in its production, that was so well received last year.

Early Bird Discount

If you register early for the full 4-day Conference, you receive a 20% discount. That means instead of paying the regular \$75.00 fee, your cost will be just \$60 — a remarkable value!

To be sure of enjoying the benefits (and savings) of pre-registration, we must have your registration in our hands by April 17. You can do that by mailing the conference and hotel registration forms at the back of this folder in ample time, or you can call (800) 556-6882 to pre-register by credit card. You can also call that number for travel assistance.

Registrants are also invited to attend the optional Professional Development Seminars at additional, but still low, fees.

Register now — by mail or phone, and don't miss the biggest and best National Computer Conference ever.

See you in Chicago.

NCC '81 McCORMICK PLACE, CHICAGO

The nation's largest computer conference will be held at the nation's largest conference center!

McCormick Place, just south of the Loop, is a short drive from the Conference hotels, and, as noted below, shuttle buses will whisk you back and forth throughout the Conference.

After hours, visit Chicago's Magnificent Mile and Water Tower Place on the Near North Side and the new State Street Mall in the Loop restoration area. There, you'll find great restaurants, superb shops, and outstanding entertainment to help make the Conference even more memorable.



Conference Receptions

Even before the Conference officially starts, you are invited to a special Early Bird Reception on Sunday, May 3 from 6 to 9 PM, Jane Addams Room at McCormick Place. After you register, stop by to relax, enjoy the music, and get together with other attendees. Then, on Monday, May 4, don't miss the Conference Reception from 6 to 8 PM in the Grand Ballroom of the Conrad Hilton Hotel — another chance to renew old friendships and develop new ones.

Pioneer Day

Celebrating the 30th anniversary of the world's first commercial computer, Univac I, many of the pioneers who worked on this remarkable achievement will discuss how it happened — covering hardware, software, and marketing aspects as well as its first applications. Two Pioneer Day sessions will be held on Wednesday afternoon, May 6. A model of the Census Bureau's historic first computer will be on display in the Conference Registration area.

International Visitors Center

Attendees from all over the world are invited to relax, meet friends, and enjoy their own special International Visitors Center, located near the registration area in McCormick Place.

Free Bus Service

Shuttle buses will run during Conference hours from all Conference hotels to McCormick Place. Check the schedules which will be posted in your hotel lobby.

Message Center

As an added service, we will take messages for attendees and post the names of those called. Leave this number at your home and office, and check regularly at the Message Center. The number is: **(312) 791-6690.**

Assistance for the Handicapped

Special services will be provided at the Conference for people who are in wheelchairs, who have visual or auditory disabilities, or who need assistance because of other physical disabilities.

We need your help to plan these services. If you will let us know how we can assist you, we will do everything we can to make the Conference accessible for you. Will you need an interpreter? Material printed in Braille? Special parking or transportation? Please write or call by April 10:

Marjorie Benson
The University of Chicago Computation Center
5737 S. University Avenue
Chicago, IL 60637
(312) 753-8452

In addition, if you will need special hotel accommodations, please fill in the appropriate space on the Hotel Reservation Form.

Registration Hours

Sunday, 2:00-8:00PM
Monday, 7:30AM-6:00PM
Tuesday, 8:00AM-5:00PM
Wednesday, 8:00AM-5:00PM
Thursday, 8:00AM-2:00PM

HOUR-BY-HOUR CONFERENCE SCHEDULE

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MONDAY, MAY 4 — NATIONAL COMPUTER CONFERENCE

PRINCIPAL TRACKS		1:30 to 3:00 PM	3:15 to 4:45 PM
HARDWARE & ARCHITECTURE	PLENARY SESSION 10:00-11:00 AM	1.1 Design Tools for System Architectures George Kraft	1.2 Innovative Architecture & Commercial Computers Krishna M. Kavi
NETWORK TECHNOLOGY AND CAPACITY & PERFORMANCE ANALYSIS		2.1 Transport and Session Protocols in the Context of the ISO Reference Model Leslie Jill Miller	2.2 Packet Speech Danny Cohen
SOFTWARE		3.1 Programming Languages for Small Systems Leon Levy	3.2 Software Development Tools R. Stockton Gaines
INFORMATION PROCESSING MANAGEMENT		4.1 System Implementation Strategy Ken Zoline	4.2 Audit and Control in a Database Environment Steven Ross
EDUCATION & SOCIETAL ISSUES		5.1 Survey and Comparison of Model Curricula for Information Systems Education Thomas Ho	5.2 Joint Business-University Professional Development and Research Programs Robert A. Rouse
AUTOMATING THE OFFICE AND COMPUTERS AT WORK		6.1 Integrated Word- and Data-Processing Systems Robert Elliott	6.2 Office Automation Technology: Futures James Carlisle
DATA BASE SYSTEMS AND COMPUTERS AT WORK		7.1 Distributed Database Management Systems — Transaction Environment James Swager	7.2 Database Machines C. Robert Carlson
VISUALS, NATURAL LANGUAGE PROCESSING & ARTIFICIAL INTELLIGENCE		8.1 Image Analysis K. S. Fu	8.2 Pictorial Database Models & Query Languages K. S. Fu

REGISTER TODAY, MONDAY, 7:30 AM-6:00 PM

VISIT EXHIBIT CENTER 11:00 AM-7:00 PM

MONDAY, MAY 4 — PROFESSIONAL DEVELOPMENT SEMINARS (optional at extra cost)

1:30 to 4:30 PM

What Works With People: James F. Townsen

Quality Circles — A New Way to Manage: Robert I. Patchin

Negotiating and Structuring the Computer Software Agreement: Peter Brown, Richard Raysman

Learning About Microcomputers: Kenneth E. Brumbaugh

TUESDAY, MAY 5 — NATIONAL COMPUTER CONFERENCE

PRINCIPAL TRACKS	8:30 to 10:00 AM	10:15 to 11:45 AM
HARDWARE & ARCHITECTURE	1.3 Microprocessor Architectures — What Next? K. Vairavan and Tadao Ichikawa	1.4 Perspectives on the History of Computing Paul Armer
NETWORK TECHNOLOGY AND CAPACITY & PERFORMANCE ANALYSIS	2.3 Local Networks and the ETHERNET in Particular (I) Gregory T. Hopkins	2.4 Local Networks and the ETHERNET in Particular (II) Gregory T. Hopkins
SOFTWARE	3.3 Functional Capabilities of Dictionary Systems Belkis Leong-Hong	3.4 Operating Systems Joseph Leung
INFORMATION PROCESSING MANAGEMENT	4.3 Technology Transfer: Management Issues Conrad Weisert	4.4 Planning for Technology Transfer Robert Scheer
EDUCATION & SOCIETAL ISSUES	5.3 Computers and the Future of Literacy Frederick Goodman	5.4 Issues Concerning National Computer Literacy in 1985 Robert Seidel
AUTOMATING THE OFFICE AND COMPUTERS AT WORK	6.3 Word Processing in Litigation & Information Retrieval Haley Fromholz	6.4 Computer Applications in Law Firm Management Haley Fromholz
DATA BASE SYSTEMS AND COMPUTERS AT WORK	7.3 Distributed Database Architecture Hal Uhrbach	7.4 Database Practicum Susan Rosenbaum
VISUALS, NATURAL LANGUAGE PROCESSING & ARTIFICIAL INTELLIGENCE	8.3 Intelligent Computer-Aided Instruction Mark Fox	8.4 Computer-Based Educational Aids Arthur Melmed

TUESDAY, MAY 5 — PERSONAL COMPUTING FESTIVAL

PRINCIPAL TRACKS	9:00 to 10:00 AM	10:15 to 11:45 AM
PROFESSIONAL & EDUCATIONAL USES		A.4 Medical and Dental Uses Paul Hazan and Ellia Neiburger, D.D.S.
BUSINESS APPLICATIONS		B.4 Sales Management Thomas Tighe
LANGUAGES & TECHNICAL USES	C.3 Keynote Session A New Direction in Personal Computing Adam Osborne, Osborne/McGraw-Hill	C.4 CRASIC2 Gordon Eubanks

TUESDAY, MAY 5 — PROFESSIONAL DEVELOPMENT SEMINARS (optional at extra cost)

9:00 AM to 12 Noon 1:30 to 4:30 PM

Managing Word Processing: Kit Thompson
Computer Graphics for Management Applications: Alan T. Paller
Structured Concepts: Peter E. Berkeley
Computer Law: Michael Gemignani

The Brain: The Human Computer: Don Edward Beck
Structured Programming: Ned Chapin
Security in Data Base Systems: Steven J. Ross

	1:30 to 3:00 PM	3:15 to 4:45 PM
PLENARY SESSION 12:00 NOON-1:00 PM	1.5 Fault-Tolerant Computing Systems Gerald Masson	1.6 Contemporary Fault-Tolerant Computer Designs William C. Carter
	2.5 Management of Capacity Planning Leonard Lipner	2.6 Network Capacity Planning Jeffrey A. Bloom
	3.5 Software Reliability in Real-Time Systems Bharat Bhargava and David Clapp	3.6 PASCAL: Standardization and Extension A. Winsor Brown
	4.5 Implementing Technology Transfer Denny O. Wallace	4.6 Systems Assurance: A Step Beyond EDP Audit James Krause
	5.5 Effects of Computers on Personal Life Abbe Mowshowitz	5.6 Where is the Story?: A Journalists Panel on Trends in Computing Brad Schultz
	6.5 Simulation of Natural Systems Roger M. Firestone	6.6 Future Office Systems Tom Sinopoli
	7.5 Research & Development in Distributed Database Systems Cory Devor	7.6 Database Systems Advances in Medical Systems Meera Blattner
	8.5 Communicating with Computers in Natural Languages — Current Capabilities Martha Evens	8.6 Communicating with Computers in Natural Language — Future Promises Norman K. Sondheimer

	1:30 to 3:00 PM	3:15 to 5:15 PM
	A.5 University Research and Administration Thomas Madron and Melvin Ray	A.6 College Classroom Applications Robert Judd and Marilyn Jansen
	B.5 Financial Management Uses Theodore Needleman, Caroline Kaufman and David Chereb	B.6 Production Management Use Daniel Johnson
	C.5 PL/1 Gary Kildall	C.6 UCSD PASCAL Carl Helmers

REGISTER TODAY, TUESDAY, 8:00 AM-5:00 PM

VISIT EXHIBIT CENTER 10:00 AM-6:00 PM

WEDNESDAY, MAY 6 — NATIONAL COMPUTER CONFERENCE

PRINCIPAL TRACKS	8:30 to 10:00 AM	10:15 to 11:45 AM
HARDWARE & ARCHITECTURE	1.7 Microprogramming — The Challenge of the 1980's (I) Samir S. Husson	1.8 Microprogramming — The Challenge of the 1980's (II) Samir S. Husson
NETWORK TECHNOLOGY AND CAPACITY & PERFORMANCE ANALYSIS	2.7 Capacity Planning in a Production Environment James Cooper	2.8 Simulation of Computer Systems: Software & Hardware Norman Schneidewind
SOFTWARE	3.7 Software Maintenance Stephen S. Yau	3.8 Quantitative Measures for the Quality of Systems and Programs Carma McClure
INFORMATION PROCESSING MANAGEMENT	4.7 Production Process in the Eighties Russ Melton	4.8 Business Communication; Security & Vulnerability John Donovan
EDUCATION & SOCIETAL ISSUES	5.7 Protection of Proprietary Interests in Software Susan Nycum	5.8 Planning Agenda for a National Health Information System Marion Ball
AUTOMATING THE OFFICE AND COMPUTERS AT WORK	6.7 Combining Office Automation and Data Processing — Its Technology and Usefulness Dan Zatyko	6.8 Form Processing in the Office Environment Mitch Zolliker
DATA BASE SYSTEMS AND COMPUTERS AT WORK	7.7 The Impact of Computing on the Handicapped in the Eighties Samuel C. Lee	7.8 Simulation: A Tool for Business Decision-Making Suresh K. Jain
VISUALS, NATURAL LANGUAGE PROCESSING & ARTIFICIAL INTELLIGENCE	8.7 Artificial Intelligence Applications to Electronic Circuit Design Tom Mitchell	8.8 Prospects for Artificial Intelligence Application in Industry N. S. Sridharan

WEDNESDAY, MAY 6 — PERSONAL COMPUTING FESTIVAL

PRINCIPAL TRACKS	8:30 to 10:00 AM	10:15 to 11:45 AM
PROFESSIONAL & EDUCATIONAL USES	A.7 Educational Uses in Grades K-12 Charlaine Charlton, Dorothy Judd and Edwin Herstein	A.8 Panel Discussion on Teacher Experiences Dorothy Judd
BUSINESS APPLICATIONS	B.7 Audio/Visual Communication Howard Rothman and James Blum	B.8 Conferencing Management David Stodolsky
LANGUAGES & TECHNICAL USES	C.7 STAR Data Base Seymour Rubenstein	C.8 XENIX Operating System Steven Ballmer

WEDNESDAY, MAY 6 — PROFESSIONAL DEVELOPMENT SEMINARS (optional at extra cost)

9:00 AM to 12 Noon 1:30 to 4:30 PM

Disaster Recovery: Robert P. Santis
Packaging Your Image for Success: Barbara A. Fletcher
Computer System Capacity Planning: Leonard D. Lipner
Internal Controls of MIS & Data Bases: Allen G. Merten

Office Automation in the 80's: Peter M. Rowe
Time Management: Charles Kozoll
Summary Techniques for Increasing Productivity: John Demidovich

	1:30 to 3:00 PM	3:15 to 5:15 PM
PLENARY SESSION 12:00 NOON-1:00 PM	1.9 Higher Level Microprogramming Languages and Optimization (I) Bruce Shriver	1.10 Higher Level Microprogramming Languages and Optimization (II) Bruce Shriver
	2.9 Special Session: Pioneer Day—Univac I Carl Hammer	2.10 Special Session: Pioneer Day—Univac I Carl Hammer
	3.9 Maintenance of Programs & Systems Ned Chapin	3.10 Software Development Facilities Louis Brocata
	4.9 Data Entry Productivity Lawrence Feidelman	4.10 Special Project Management Clifton Merry
	5.9 Private Sector Policy Issues on the Use of Computer Technology in the Healthcare Industry Karen Duncan	5.10 Alternative Data Processing Strategies for Hospital Information Systems David Mishelevich
	6.9 Definition & Measurement of Application Software Productivity Benn Konsinsky	6.10 Electronic Mail: Current Developments Walter Ulrich
	7.9 Computer-Assisted Analysis in Energy/Economic Models Harvey Greenberg	7.10 Large Scale Database Applications Eugene Kozik
	8.9 Imaging & Computers Diana Merry	8.10 Educational Uses of Personal Computers Michael Tempel

	1:30 to 3:00 PM	3:15 to 4:45 PM
	A.9 Authoring Systems Ronald Borta and Donald Coyne	A.10 Program Design and Selection Michael Sloan, Daniel Isaacson and Timothy Smith
	B.9 SPECIAL DOUBLE SESSION Robotics and Artificial Intelligence Moderator: Abby Gelles Panelists and Participants: David Ahl, Ernest Kent, David Thornburg, W. Robert Hudgins, Norbert Tagge, David Jasper and Steven Long	
	C.9 PEARL—A Data Base Creation William Stow	C.10 Standards and Implementations of Programs Howard Hollander, Andrew Winston and Gary Koehler

REGISTER TODAY, WEDNESDAY, 8:00 AM-5:00 PM

VISIT EXHIBIT CENTER 10:00AM-6:00 PM

THURSDAY, MAY 7 — NATIONAL COMPUTER CONFERENCE

PRINCIPAL TRACKS	8:30 to 10:00 AM	10:15 to 12:15 PM
HARDWARE & ARCHITECTURE	1.11 Adaptable Architectures Svetlana Kartashev and Steven I. Kartashev	1.12 Architecture of Specialized Hardware Systems William E. Farley
NETWORK TECHNOLOGY AND CAPACITY & PERFORMANCE ANALYSIS	2.11 Implementations of Experimental Local Networks William Lidinsky	2.12 Local Networks: The Fundamental Technology of Office Automation Harvey Freeman
SOFTWARE	3.11 Quality Assurance — An Emerging Technology Gene Altshuler	3.12 The User Interface Howard Lee Morgan
INFORMATION PROCESSING MANAGEMENT	4.11 Motivation of Computer Personnel J. Daniel Couger	4.12 Recruitment, Retention, & Certification of Data Processing Professionals Thomas A. Browdy
EDUCATION & SOCIETAL ISSUES	5.11 Computer Professional as an Expert Witness Alex Hoffman	5.12 Library & Business Computer Use: What's the Difference? Peter Lykos
AUTOMATING THE OFFICE AND COMPUTERS AT WORK	6.11 The Electronic Office: A Futuristic Forecast Richard Federico	6.12 Office Automation: The Federal Experience Ira W. Cotton
DATA BASE SYSTEMS AND COMPUTERS AT WORK	7.11 Computing & Energy Technology Assessment Ellen M. Leonard	7.12 Automated Testing for Increased Productivity Leonard Gardner and John Savage
VISUALS, NATURAL LANGUAGE PROCESSING & ARTIFICIAL INTELLIGENCE	8.11 Recent Computer Advances in Legislative Reapportionment Lee Papayanopoulos	8.12 Applications of Artificial Intelligence L. Thorne McCarty

THURSDAY, MAY 7 — PERSONAL COMPUTING FESTIVAL

PRINCIPAL TRACKS	8:30 to 10:00 AM	10:15 to 11:45 AM
PROFESSIONAL & EDUCATIONAL USES	A.11 Software Sources for Teachers Lloyd Prentice, M. Dundee Maples, Patrick Moyer, Martin Batey	A.12 User Reactions to Software Sources Robert Judd
BUSINESS APPLICATIONS	B.11 Programmer Problem Solving William Lewis	B.12 PC Graphics James George, Richard Phillips, Thomas DeFanti
LANGUAGES & TECHNICAL USES	C.11 Selector IV Multi-Key Data Base Mark Robinson	C.12 PASCAL MT+ Michael Lehman

THURSDAY, MAY 7 — PROFESSIONAL DEVELOPMENT SEMINARS (optional at extra cost)

9:00 AM to 12 Noon

Sexual Conditioning — How It Affects Business Relationships: Lucille S. Schlosser
Computer Software Support: Marilyn Quackenbush, James F. Ettwein
Internal Audit Function: James Krema

1:30 to 3:00 PM	3:15 to 4:45 PM
1.13 Single Chip Computers — Where Are They Headed? K. S. Padda	1.14 The Application of Peripheral Array Processors Walter J. Karplus
2.13 Use of Models in Capacity Planning Satish K. Tripathy	2.14
3.13 The Public Release of Smalltalk-80 Daniel H. Ingalls, Jr.	3.14 Computer-Based Tools for Software & Systems Engineering Gerald Estrin and Ray Houghton
4.13 User Requirements Analysis Raymond Yeh	4.14 A Survey of Project Management Software Packages Linda Taylor
5.13 Developing Software Engineers in Industry Pei Hsia	5.14 Developing Software Engineers in the Universities Frederick E. Petry
6.13 Choosing a Computer Language for a First Problem-Solving Course Robert J. McGlinn	6.14
7.13 Computing Applications in Magnetic Fusion Energy Research John T. Hogan	7.14 Computational Methods in Inertial Confinement Nuclear Fusion Keith A. Taggart
8.13 Expert Systems and Knowledge Engineering N. S. Sridharan	8.14

**REGISTER
TODAY,
THURSDAY,
8:00 AM-
2:00 PM**

1:30 to 3:00 PM	3:15 to 4:45 PM
A.13 Non-Curricular Uses John Longstreet, Charles Kaufman, J. R. Kilpatrick	A.14 Federally Funded Applications Wilma Jean Alexander, Alfred Fisher
B.13 Data Acquisition and Display Richard Fergus, David Carroll	B.14 Special Session Panel on Disk Operating Systems Sol Libes, Moderator
C.13 Future of Bar Code Technology Walter Banks	C.14 Turn BASIC to PASCAL Peter Worland

**VISIT
EXHIBIT
CENTER
10:00 AM-
4:00 PM**

PERSONAL COMPUTING FESTIVAL

An important part of the National Computer Conference, the Personal Computing Festival is designed to show the new dimensions this practical equipment will bring to your personal life. Informative sessions (listed on the program pages) will show you how to put computers to work for you. Hands-on demonstrations will let you test capabilities of hardware and software designed for use in your home, office, or classroom.

See how computers can help develop an investment portfolio, create a picture, calculate sales commissions, assist your business or do your homework! Most important, see how they can make life better for you — personally!

Keynote Speaker Looks Ahead

Adam Osborne of Osborne/McGraw-Hill, author of "Running Wild: The Next Industrial Revolution," will give some remarkable insights into the future of the personal computer... and will discuss just how close that future is!

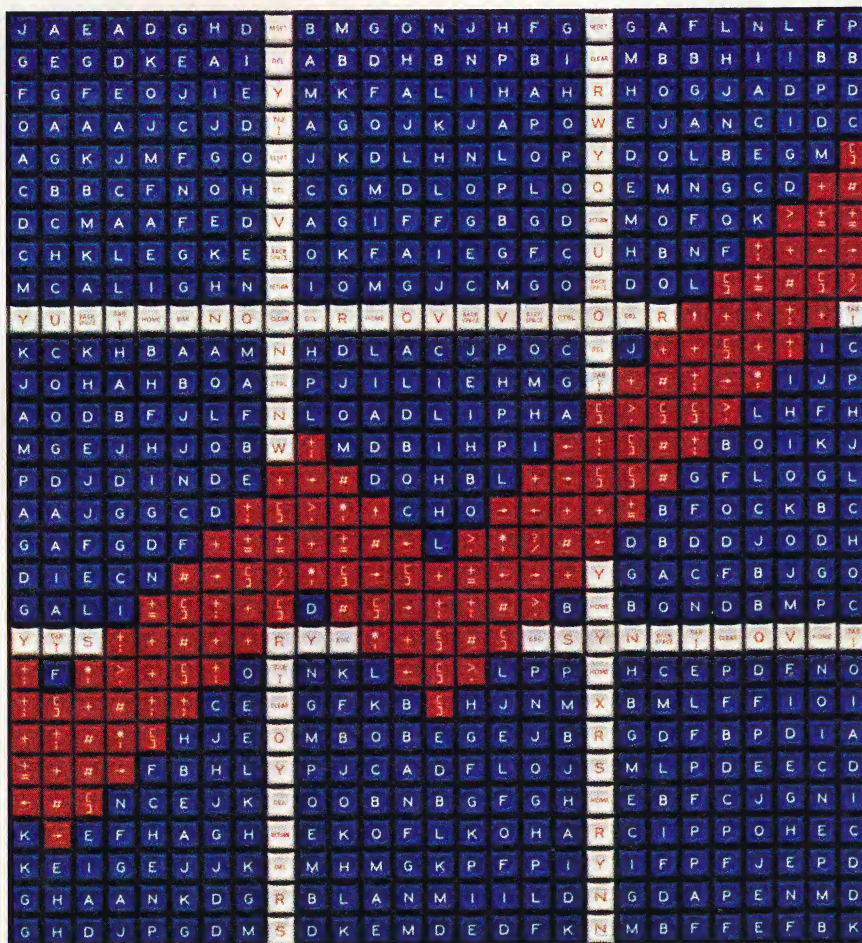
The Many Facets of PC

The thirty sessions of the Personal Computing Festival will be devoted to three important areas:

1. Professional and Educational Uses
(of particular interest to doctors, dentists, and teachers)
2. Business Applications
(the broad range of personal computers in all the facets of large and small businesses and in an individual's life)
3. Languages and Technical Uses
(personal computer languages and some important technical applications will be surveyed)

Please Note:

All NCC registrants are eligible to attend the Personal Computing Festival sessions. However, if you prefer, you can register for just the PCF separately. Please indicate your preference on the attached registration form.



NCC '81

MAY 4-7, 1981

HOTEL RESERVATIONS ACCOMMODATIONS & RATES

HOTEL

	CODE	SINGLE	DOUBLE/ TWIN
Section A Hotels (located south of the Chicago River on map)			
1. Ascot Hotel	101	\$40-44	\$48-52
2. Blackstone Hotel	104	46-52	56-62
3. Essex Inn	106	48-52	56-60
4. Holiday Inn Chicago, Downtown	108	44-57	46-62
5. Hyde Park Hilton	118	41-57	51-63
6. Midland Hotel	109	52-80	62-90
7. Pick Congress	115	56-58	76-88
8. Oxford House	114	50	58
Section B Hotels (located north of the Chicago River on map)			
9. Allerton	201	\$45-50	\$50-60
10. Best Western Lake Shore Drive	210	45	55
11. Drake	212	62-108	80-125
12. Holiday Inn Lake Shore Drive	213	53-66	62-75
13. Knickerbocker	224	76-96	88-108
14. Richmond Hotel	232	45-52	52-59
Section C Hotels (located near O'Hare Airport — not on this map)			
Holiday Inn O'Hare			
Kennedy	403	\$56	\$66
Hyatt Regency O'Hare	406	76	91
Marriott O'Hare	407	78	88
Ramada Inn O'Hare	409	55	65
Sheraton O'Hare	411	50	60

Rates subject to local taxes.

**Please fill out completely
and return this form to:**
**NCC Housing Bureau, McCormick Place,
On-the-Lake, Chicago IL 60616**

To cancel, call the NCC Housing Bureau, (312) 225-4000. To change arrival/departure times or dates contact hotel directly after receiving confirmation.

If your hotel choice is not available, the Housing Bureau will make as similar a reservation as possible elsewhere.

Rooms must be claimed by 6 p.m. unless special arrangements are made directly with hotel.

No block reservations. Allow 3 weeks for confirmation.



NAME _____ TELEPHONE _____

COMPANY _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

Hotel Preferences:

Please enter the three digit hotel code from the hotel list. Write in the hotel name beneath the code. You must give four choices.

Code 1. 2. 3. 4.

Name 1. _____ 2. _____ 3. _____ 4. _____

Guest Name(s)				Guest Name(s)			
Room Type	Arrival Date/Time	Departure Date/Time	Rate Requested	Room Type	Arrival Date/Time	Departure Date/Time	Rate Requested
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D <input type="checkbox"/>				D <input type="checkbox"/>			
T <input type="checkbox"/>				T <input type="checkbox"/>			

Attach list of additional names, if necessary, along with complete information.

☐ Please indicate any special accommodation needs due to a handicap.

**NCC '81
McCORMICK PLACE
CHICAGO, IL
MAY 4-7, 1981
CONFERENCE REGISTRATION**

Return to:

NCC '81, C/O AFIPS, P.O. BOX 9658, 1815 NORTH LYNN ST., ARLINGTON, VA 22209

Make checks payable to 1981 NCC for exact amount only. Purchase orders are not accepted.

Enclosed is my check for _____ dollars covering registration fees for _____ days (see rates below).

The deadline for pre-registration is April 17, 1981.

If you wish to cancel your registration, written notice is required by April 22, 1981.

[illegible]

Registration Fees

Please check appropriate box.

CODE

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|----|--|----|---|
| 11 | <input type="checkbox"/> Pre-registration discount: Full Conference program, exhibits & Personal Computing Festival—four days—includes Conference Proceedings & Personal Computing Digest—\$60 | 44 | <input type="checkbox"/> Exhibits only—Mon-Thurs—\$20 |
| | | 55 | <input type="checkbox"/> One day—program and exhibits—\$25
Specify Day _____ |
| 33 | <input type="checkbox"/> Student—as above—no Proceedings—\$10 | 66 | <input type="checkbox"/> One day—exhibits only—\$10
Specify Day _____ |

Personal Computing Only

CODE

- | | | | |
|----|---|----|---|
| 88 | <input type="checkbox"/> Personal Computing Festival—program and all Conference exhibits—one day—\$10 | 99 | <input type="checkbox"/> Personal Computing Festival—three-day program, all Conference exhibits, and Personal Computing Digest—\$30 |
|----|---|----|---|

Professional Development Seminars

CODE

Monday, half day (1:30-3:30 PM) \$25.00

Select one of the following:

- M1 ☐ What Works with People
M2 ☐ Quality Circles—A New Way to Manage
M3 ☐ Negotiating and Structuring the Computer Software Agreement
M4 ☐ Learning About Microcomputers

Tuesday, full-day \$65.00

Select one of the following:

- TU1 ☐ Managing Word Processing
 TU2 ☐ Computer Graphics for Management Applications
 TU3 ☐ Structured Concepts
 TU4 ☐ Computer Law
 TU5 ☐ The Brain: The Human Computer
 TU6 ☐ Structured Programming
 TU7 ☐ Security in Data Base Systems

Wednesday, full-day \$65.00

Select one of the following:

- W1 ☐ Disaster Recovery
- W2 ☐ Packaging Your Image for Success
- W3 ☐ Computer System Capacity Planning
- W4 ☐ Internal Controls of MIS & Data Bases
- W5 ☐ Office Automation in the 80's
- W6 ☐ Time Management
- W7 ☐ Summary Techniques for Increasing Productivity

Thursday, half-day (9:00 AM-12:00 NOON) \$25.00

Select one of the following:

- TH1 ☐ Sexual Conditioning — How It Affects Business Relationships
- TH2 ☐ Computer Software Support
- TH3 ☐ Internal Audit Function

Total number of sessions _____ Total cost \$ _____

PDS attendees are welcome at the exhibits on the day they are registered.

Fee includes luncheon for full-day sessions and all coffee breaks.

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